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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: HAGIWARA      Examiner: unknown  
Serial No.: 09/382,182      Group Art Unit: 1763  
Filed: August 24, 1999      Docket: 12052.20US01  
Notice of      N/A      Batch No.: N/A  
Allow. Date:  
Due Date: November 10, 1999  
Title: METHOD FOR FORMING MULTI-LAYER WIRING STRUCTURE

*O P E JC82 NOV 09 1999 PATENT & TRADEMARK OFFICE*

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this Transmittal Letter and the paper, as described herein, are being deposited in the United States Postal Service, as first class mail, with sufficient postage, in an envelope addressed to: BOX MISSING PARTS Assistant Commissioner for Patents, Washington, D.C. 20231, on November 5, 1999.

By: Curtis B. Hamre  
Curtis B. Hamre

BOX MISSING PARTS  
Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

We are transmitting herewith the attached:

- Transmittal Sheet in duplicate containing Certificate of Mailing
- Signed Combined Declaration and Power of Attorney
- Check(s) in the amount of \$890.00, for Application filing fee (\$760.00) and Missing Parts completion fee (\$130.00)
- Other: Form PTO-1533 (Notice to File Missing Parts of Application)
- Return postcard

Please consider this a PETITION FOR EXTENSION OF TIME for a sufficient number of months to enter these papers, if appropriate. Please charge any additional fees or credit overpayment to Deposit Account No. 13-2725. A duplicate of this sheet is enclosed.

MERCHANT & GOULD P.C.  
3100 Norwest Center, Minneapolis, MN 55402  
(612) 332-5300

By: Curtis B. Hamre  
Name: Curtis B. Hamre  
Reg. No.: 29,165  
CBH/smh



UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office

Address: COMMISSIONER OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

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APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NO/TITLE
09/382, 182	08/24/99	HAGIWARA	V 12052.20US01

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MERCHANT & GOULD PC  
3100 NORWEST CENTER  
90 SOUTH SEVENTH STREET  
MINNEAPOLIS MN 55402-4131

0232/0910

NOT ASSIGNED

1763

DATE MAILED:

09/10/99

**NOTICE TO FILE MISSING PARTS OF APPLICATION**  
**Filing Date Granted**

An Application Number and Filing Date have been assigned to this application. The items indicated below, however, are missing. Applicant is given TWO MONTHS FROM THE DATE OF THIS NOTICE within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a). If any of items 1 or 3 through 5 are indicated as missing, the SURCHARGE set forth in 37 CFR 1.16(e) of \$65.00 for a small entity in compliance with 37 CFR 1.27, or \$130.00 for a non-small entity, must also be timely submitted in reply to this NOTICE to avoid abandonment.

If all required items on this form are filed within the period set above, the total amount owed by applicant as a  
 small entity (statement filed)  non-small entity is \$ 850.00.

1. The statutory basic filing fee is:

missing.

insufficient.

Applicant must submit \$ 760.00 to complete the basic filing fee and/or file a small entity statement claiming such status (37 CFR 1.27).

2. The following additional claims fees are due:

\$ \_\_\_\_\_ for \_\_\_\_\_ total claims over 20.

\$ \_\_\_\_\_ for \_\_\_\_\_ independent claims over 3.

\$ \_\_\_\_\_ for multiple dependent claim surcharge.

Applicant must either submit the additional claim fees or cancel additional claims for which fees are due.

3. The oath or declaration:

is missing or unsigned.

does not cover the newly submitted items.

An oath or declaration in compliance with 37 CFR 1.63, including residence information and identifying the application by the above Application Number and Filing Date is required.

4. The signature(s) to the oath or declaration is/are by a person other than inventor or person qualified under 37 CFR 1.42, 1.43 or 1.47.

A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.

5. The signature of the following joint inventor(s) is missing from the oath or declaration:

An oath or declaration in compliance with 37 CFR 1.63 listing the names of all inventors and signed by the omitted inventor(s), identifying this application by the above Application Number and Filing Date, is required.

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6. A \$50.00 processing fee is required since your check was returned without payment (37 CFR 1.21(m)).

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7. Your filing receipt was mailed in error because your check was returned without payment.

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8. The application was filed in a language other than English.

130

Applicant must file a verified English translation of the application, the \$130.00 set forth in 37 CFR 1.17(k), unless previously submitted, and a statement that the translation is accurate (37 CFR 1.52(d)).

9. OTHER: \_\_\_\_\_

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Direct the reply and any questions about this notice to "Attention: Box Missing Parts."

**A copy of this notice MUST be returned with the reply.**

C. Moller

Customer Service Center  
Initial Patent Examination Division (703) 308-1202

**BEST AVAILABLE COPY**

11/10/1999 REC'D  
01 FT:01  
02 FT:01